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PROBLEMS AND TASKS OF MODERN SCIENCE AND PRACTICE

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MODERN EDUCATIONAL TOOLS FOR PRIMARY CLASS TEACHERS

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Due to the rapid technical development, mankind is adapting to more comfortable living conditions. The changes taking place in society directly affect all spheres of people's lives. Education is no exception. Now it is not enough just to improve the old teaching methods, but it is absolutely necessary to introduce and actively apply new ones. That is, the field of education requires the introduction of new digital technologies.

ICT-competent teacher is a person who should be able to navigate freely in the information space, able to obtain the necessary information and operate it according to their own needs and professional goals, able to select, classify and summarize the necessary material for processing in the educational process. The use of information technology in education by modern teachers is extremely important, because the XXI century is a time when ICT is becoming the leading one.

Current trends in informatization of all sectors of society, the rapid pace of development of information and communication technologies, the implementation of the Concept of the new Ukrainian school, as well as the global crown virus pandemic leads to renewed training requirements for future primary school teachers. Primary education institutions need specialists who can organize both blended and distance learning, diversify the educational process with modern information and communication technologies, implement and create information products, design and integrate knowledge to achieve this goal, find solutions to pedagogical problems in those conditions. those around, engage in self-improvement and self-development at all stages of professional activity. In view of this, the problem of training future teachers for the initial level of general secondary education becomes especially relevant and requires higher education institutions to find ways to improve the process of forming information competence in applicants for higher pedagogical education [1, 2].

Modern scientific research shows that the problem of training future primary school teachers is covered in different ways, namely: different types of ICT and their implementation in the educational process of educational institutions: the use of multimedia, computer technology R. Haidamakh, A. Goloborodko, O. Danilova, V. Lyulchyk, O. Manako, etc., use of educational web technologies T. Vynarchuk, A. Vitkovska-Pelan, I. Zakharova, M. Kademiya, M. Kozyar, N. Kolomiychuk, A. Kruszewska, O. Kuchay, S. Labudko, S. Nazaruk G. Stetsenko, K. Szewczyk I. Khudyakova, etc., application of social services, sites in the educational process I. Bloschynsky, I. Vyakhk, D. Vyakhk, G. Hordiychuk, D. Taushan, I. Yaremchuk and others.

Even 10 years ago, one could envy such a variety of digital resources that exist today. Convenient functionality, bright interface. One of the directions of digital development at the state level is the reform of the education sector, in particular in terms of its digitalization. Children born in the digital age become more motivated to learn when innovative, interactive technologies are used in the educational process with the involvement of modern technology [3].

Nowadays, technology and education are closely intertwined, almost every teacher has his favorite technological tools that he uses in his work, and which allow him to focus students' attention during interesting, exciting school activities. But like everything related to technology, the tools are constantly updated, and the old ones are confirmed, expanding the scope or simply adding new features that are more relevant to modern education and in demand by the most technologically savvy teachers.

Teachers have the opportunity and should use in their professional activities a number of Internet technologies, such as: social networks, websites, personal blogs and sites, online materials, chats, e-mail, educational services, interactive services, mobile applications and educational platforms, etc., which give him access to a variety of educational services, educational information, distance learning courses, competitions and contests, libraries, text repositories, interactive encyclopedias and dictionaries, online translators, virtual museums and exhibitions, government information resources, search engines and catalogs, collective encyclopedias, photo, video and audio hosting, free encyclopedia – Wikipedia, distance Olympiads and competitions of electronic publications, etc.

In the course of the research, we need to present a list of some digital educational tools that should «be» in the arsenal of each teacher, either for personal use or as textbooks in the pedagogical process.

There are many services through which teachers can upload their presentations, documents, videos, take screenshots in the form of images, videos, edit them and share the results with students and colleagues. And even more, they can use materials posted by other users of the site, including: Aviary, Google Education, Jing, Popplet, Quizlet, SlideShare.

Services for creating virtual book exhibitions for reading lessons: BannerSnack, Calameo, Dipity, Empressr, Myebook, PhotoPeach, Photosnack, Playcast, Popplet, Prezi, ZooBurst.

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Services for creating mental maps: Bubbl.us, Cacao, Coggle, Free Mind (program), Freemind, iMindMap, Mapul, Mind42, MindMeister, MindNode, Mindomo, Mindomo Basic, SpiderScribe, WiseMapping, Xmind.

Services for creating interactive posters and virtual tours: ArcGIS Online, Closr, Mapwing, Thinglink.

Services for creating virtual boards: Evernote, Popplet, Padlet, Pinterest, WikiWall.

Services for creating crossword puzzles: Crossword Factory, Childdevelop, Cross.highcat, Crosswordus.

Services for creating interactive tasks-simulators, mobile surveys, quizzes: Kahoot, LearningApps, mQlicker, Quizalize, Quizizz, Triventy, Vizia, Wordle.

Services for creating multimedia and video (lectures, video clips): AudioBoo, Blabberize, Creaza, EduCanon, EDpuzzle, Glogster, Hapyak, Mentor, Movenote, Moovly, Prezi, StoryMap JS, TED-Ed, UtellStory, Vialogues, Videonot, WireWax, Wizer.Me, YouTube.

Thus, the use of didactic online services allows to implement modern approaches to learning, provided in Gosstandart. The use of digital tools in the educational process provides many opportunities to improve the learning process and improve the work of teachers; saves time on assessment, further motivates students, encourages deeper study of the subject, and, ultimately, turns learning and assessment into an interesting game.

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